

# IMCH1812ER6R8K Datasheet



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DiGi Electronics Part Number	IMCH1812ER6R8K-DG
Manufacturer	<a href="#">Vishay Dale</a>
Manufacturer Product Number	IMCH1812ER6R8K
Description	FIXED IND 6.8UH 600MA 400MOHM SM
Detailed Description	6.8 $\mu$ H Unshielded Wirewound Inductor 600 mA 400mOhm Max 1812 (4532 Metric)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

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## Purchase and inquiry

**Manufacturer Product Number:**

IMCH1812ER6R8K

**Series:**

IMCH-1812

**Type:**

Wirewound

**Inductance:**6.8  $\mu$ H**Current Rating (Amps):**

600 mA

**Shielding:**

Unshielded

**Q @ Freq:**

10 @ 7.96MHz

**Ratings:**

-

**Inductance Frequency - Test:**

7.96 MHz

**Package / Case:**

1812 (4532 Metric)

**Size / Dimension:**

0.177" L x 0.126" W (4.50mm x 3.20mm)

**Manufacturer:**

Vishay Dale

**Product Status:**

Active

**Material - Core:**

-

**Tolerance:** $\pm$ 10%**Current - Saturation (Isat):**

-

**DC Resistance (DCR):**

400mOhm Max

**Frequency - Self Resonant:**

28MHz

**Operating Temperature:**

-40°C ~ 85°C

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

1812 (4532 Metric)

**Height - Seated (Max):**

0.138" (3.50mm)

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8504.50.4000

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99



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